Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 33-R-0001

CUSTOMER NO. 810

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

DEC 20

include Zip Code) ILLINOIS WESLEYAN UNIVERSITY

P.O. BOX 2900

BLOOMINGTON, IL 61702

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

(309) 556-3060

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

Center For Natural Sciences 201 Belcher St REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were conducted involving accompanying pain or distress TOTAL NO. Animals Covered teaching, research, bred. which teaching. conditioned, or By The Animal surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS research. Welfai e Regulations held for use in experiments, or conducted involving anesthetic analgesic, or tranquilizing drugs would teaching, testing, (Cols. C + accompanying pain or distress to the animals have adversely affected the procedures, results, or interpretation of the teaching, research, tests were D + E) experiments, conducted research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used. 4. Dogs 5. Cats 6. Guinea Pigs i2 12 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- ling veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal c	are and use.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
SIGN		DATE SIGNED
		12-19-01
ADUI		ADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0003

CUSTOMER 602

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

ILLINOIS STATE UNIVERSITY 3330 ACADEMIC RESEARCH SVCS NORMAL, IL 61790 (309) 438-2528

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing Miller Park Zoo University Farm

REPORT OF ANIMALS USED BY O					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	8	23			23
8. Rabbits		12			12
9. Non-Human Primates					
10. Sheep		140			140
11. Pigs		2200			2200
12. Other Farm Animals Beef		200			200
Diary		120			120
13. Other Animals					
nite Footed Mice		21	239		260
ortoises		2			2
emurs		3			3

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFI	CIAL
	(Chief Executive Officer or Legally Responsible Institutional officer	cial)
SIC		DATE SIGNED
<u> </u>		HEADQUARTERS

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0003

CUSTOMER NO. 602

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ILLINOIS STATE UNIVERSITY 3330 ACADEMIC RESEARCH SVCS NORMAL, IL 61790 (309) 438-2528

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research. experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Tiger		1			1
Bears		2			2
Bobcats		2			2
		*···			
					
					<u>, , , , , , , , , , , , , , , , , , , </u>
. ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects or	animai care and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executive Officer or Legally Responsible Institutional official)		
Si			DATE SIGNED
31			DATE SIGNED
<u>_</u>			
		T 4 110	- A MOLLA DITERO

APHIS FORM 7023A (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO 33-R-0006

CUSTOMER NO. 594

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH EACH ITY (A) include Zip Code)

CHILDREN'S MEMORIAL INSTITUTE 2300 CHILDREN'S PLAZA, MC 406 205 CHICAGO, IL 60614-3394

(312) 880 4087 773 . BBO.

11-05-2001

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Children's Memorial Institute for Education? Research (CMIER) 2430 N. Halsted Street Chicago Illinois 60614

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A B. Number of D. Number of animals upon E. Number of animals upon which teaching, Number of animals being animais upon which experiments, experiments, research, surgery or tests were which teaching, TOTAL NO Animals Covered bred teaching, research, conducted involving accompanying pain or distress conditioned, or OF ANIMALS By The Animal research. surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations held for use in conducted involving anesthetic, analgesic, or tranquilizing drugs would experiments, or teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C.+ experiments conducted distress to the animals interpretation of the teaching, research, D + E) research, or and for which appropriate experiments, surgery, or tests. (An explanation of involving no surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such tranquilizing drugs were animals and the reasons such drugs were not used use of painnumoses relieving drugs used. must be attached to this report) 12 12 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 13 13 8. Rabbits 9. Non-Human Primates 10. Sheep 16 16 11. Pigs 12 Other Farm Animals 13. Other Animals **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTER (Chief Executive Officer or Legally I I certify that the above is true, correct, as	Responsible Institutional official)	
SIGNATU	or Print)	DATE SIGNED
,		10/29/61

APHIS FURM 1023 (AUG 91)

LIKEPIACES VS FORM 18-23 (OCT 88), WHICH IS ODSOIETE

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0009 CUSTOMER NO. 606

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

11-13-200 (TYPPEVODR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)
 MICHAEL REESE HOSPITAL & MEDICAL CENTER

2929 S. ELLIS AVE CHICAGO, IL 60616 (312) 791-2000

	 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)
•	FACILITY LOCATIONS(sites)
•	See Attached Listing
•	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs		92.			92
5. Cats					
6. Guinea Pigs		215			215
7. Hamsters					
8. Rabbits	2	115	12		127
9. Non-Human Primates	62				
10. Sheep					
11. Pigs	5	25	13		38
12. Other Farm Animals					
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
(Type or Print)	DATE SIGNED

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0009

Customer Number:

606

Facility:

MICHAEL REESE HOSPITAL & MEDICAL CENTER

2929 S. ELLIS AVE CHICAGO, IL 60616 (312) 791-2000

MICHAEL REESE HOSPITAL DEPARTMENT OF LAB. ANIMAL MEDICINE DREYFUS BUILDING, SUITE 1118 2929 S. ELLIS AVE CHICAGO, IL 60616

Interagency Report Control No 0180-DOA-AN

1. REGISTRATION NO. 33-R-0010

CUSTOMER NO. 596

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

include Zip Code) MIDWESTERN UNIVERSITY 555 31ST STREET

DOWNERS GROVE, IL 60515 (708) 515-6140

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

SAME AS ABOVE

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
4. Dogs			4		4
5. Cats					
6. Guinea Pigs			52		52
7. Hamsters					
8. Rabbits	2		22		22
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA	L
(Chief Executive Officer or Legally Responsible Institutional official)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

HEADQUARTERS

CAB

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0013 CUSTOMER NO. 597

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)
12-03-2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA: include Zip Code)

EVANSTON HOSPITAL CORPORATION

2650 RIDGE AVENUE EVANSTON, IL 60201 (847) 570-2005

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Evanston Hospital, Coon Research Bldg. 2650 Ridge Avenue, Evanston, IL 60201 MR Center for Research 1033 University Place, Suite 150 Evanston, IL 60201

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO. OF ANIMAL: (Cois. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	26		125		151
9. Non-Human Primates					
10. Sheep					
11. Pigs	6		62		68
12. Other Farm Animals					
13. Other Animals					
					ļ
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATI	DATE SIGNED
	11/30/01

APHIS F (AUG 91) HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0014 CUSTOMER NO. 598

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

12-05-2001 RCVD

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

SOUTHERN ILLINOIS UNIVERSITY VIVARIUM, LIFE SCIENCE III ROOM 1062 CARBONDALE, IL 62901 (618) 536-2346

REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C • D • E)
4. Dogs	0	0	Ō	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	00	0	0	0	0
7. Hamsters	16	0	0	0	0
8. Rabbits	2	0	24	0	24
9. Non-Human Primates	0	· 0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	1494	208	22	0	230
12. Other Farm Animals					
Horses	49	4	0	0	4
13. Other Animals					
Beef Cattle	145	12	0	0	12
Dairy Cattle	125	450	5	0	455

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
	Legitify that the above is true, correct, and complete (7.U.S.C. Section 2143)	
<u> </u>		DATE SIGNED
		11.29.01
-		

RT 1 - HEADQUARTERS

FACILITY LOCATIONS (Sites)

- Beef Cattle Center
- Beef Evaluation (Bull Test) Center
- Dairy Annex Facility
- Dairy Calf Facility
- Dairy Center
- Horse Center
- Laboratory Animal Program, Life Science II
- Laboratory Animal Program, Life Science III
- Metabolism and Physiology Center
- Swine Center
- Wildlife Annex

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0023 CUSTOMER NO. 595

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zio Code)

> BAXTER HEALTHCARE CORPORATION BAXTER TECHNOLOGY PK/WG2 ROUTE 120 & WILSON ROAD ROUND LAKE, IL 60073 (847) 270-5455

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing WG2

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	15	7	1		.8
5. Cats					
6. Guinea Pigs		2518			2518
7. Hamsters					
8. Rabbits		5484			5484
9. Non-Human Primates					
10. Sheep		36			36
11. Pigs			34		34
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS	RESEARCH FACILITY OFFICIAL
Inhias Properties Officer and applies O	annountiele lendikudinent efficiell

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

- OFFICIAL (Type or Print)

DATE SIGNED

PART 1 - HEADQUARTERS

Thus report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0027

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT29-2001 RCVD

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CUSTOMER NO.

585

FINCH UNIVERSITY OF HEALTH SCIENCES 3333 GREEN BAY ROAD NORTH CHICAGO, IL 60064 (708) 578-3607

tation or held for these purposes. Attach additional

sheets if necessary.)	1100800110				
		F	FACILITY LOCATIONS(sites)		
See Attached Listing					
				essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, resuits, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs		6			6
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs			41		41
12. Other Farm Animals					
Mini Pigs	101	128	11		139
13. Other Animals					
					ļ
ASSURANCE STATEMENTS					<u> </u>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNA.		DATE SIGNED
		10/18/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0033 CUSTOMER NO. 589

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

9. Non-Human Primates

12. Other Farm Animals

ASSURANCE STATEMENTS

13. Other Animals

10. Sheep

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

> AVENTIS BIO-SERVICES, I.N.C. ROUTE 50 NORTH BRADLEY, IL 60915

		F	ACILITY LUCATIONS(SHOS)		
AVENTIS BRADLEY, IL 60915					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	(Attach additional sheets if nece. D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		1944			1944
7. Hamsters					
8. Rabbits		2412	662		3074
		į.	1		1

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive (HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/19/2001

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0035 FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY 14755-98671NTEVD

2. HEADQJARTERS RESEARCH FACILITY Name and Address as registered with USDA include.

33-R-0035, Cust ld 579

HEKTOEN INSTITUTE FOR MEDICAL RESEARCH

627 S. WOOD STREET CHICAGO, IL 30612

1. REPORTING FACILITY IList uil locations where animals were housed or used in actual research, testing, real

FACILITY LOCATIONS (Siles)

Hektoin Bldg. - 9th Floor 627 S-Wood St.

10-01-00 - 09-30-01

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or heid for use in teaching, festing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which reaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF AMINALS (Cols. C + D + E)
4. Dogs	Ö		Ú		0
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Ratbits	ಲ		ಲ		ಲ
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goat	Ü		4		4
13. Other Animals					
Rat, LAB	62		364		426
Rat, LAB mice, LAB	0		76		72.

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of integrate veterinary care and to oversee the adequacy of other osciects of

CERTIFICATION	BY HEADQUARTES RESEA	RCH FACILITY OFFICIAL
(Chief Executi	e Officer or Legally Responsi	ble Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

API

SIG

ASSURANCE STATEMENTS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0035

Customer Number:

579

Facility:

HEKTOEN INSTITUTE FOR MEDICAL RESEARCH

627 S. WOOD STREET CHICAGO, IL 60612 (312) 738-3100

HEKTOEN INSTITUTE FOR MEDICAL RESEARCH 627 SOUTH WOOD STREET CHICAGO, IL 60612

JY.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0040 CUSTOMER NO. 580

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NORTHWESTERN UNIVERSITY SEARLE BLDG., ROOM 15-582 320 E. SUPERIOR STREET CHICAGO, IL 60611 (312) 908-8257

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

FACILITY LOCATIONS(sites)

CISOLIG

Chicago Campus

Evanston Campus

A. Animats Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-refieving drugs.	Number of animats upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animats and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysis, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
t Dogs			100		100
5. Cats			168		168
5 Guinea Pigs			78		78
7. Hamsters		776	517		1293
3. Rabbits			465		465
9. Non-Human Primates	2		63		63
10. Sheep			0		0
11. Pigs			97		97
12. Other Farm Animals					0
13. Other Animals					,
Chinchillas.			46		46
Gerbils	4	48	16		64
Squirrel-Ground	30				30

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFIC	IAL
(Chief Executive Officer or Legally Responsible Institutional offici	al)

/Ciii

DATE SIGNED

(Ma)

APHIS FORM 7023 (AUG 91)

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This, apport is required by law (7 USC 2143). Failure to report according to the regulations can

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

result in a rorder to cease and desist and to be subject to penalties as provided for in Section 2150.

1. REGISTRATION NO. 33-R-0051 CUSTOMER NO. 582

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 12-03-2001 RCVD HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

UNIVERSITY OF ILLINOIS OFF. OF PROVOST & VCAA, PAC530 P.O. BOX 19243 SPRINGFIELD, IL 62794 (217) 799-6644 206-46/4

	(217) 786 6614 206 - 6614					
[REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) 					
	FACILITY LOCATIONS(sites)					
- ;	See Attached Listing					

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	F RESEARCH FACILITY C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	(Attach additional sheets if necess	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	12	0	0	0	0
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pígs					
12. Other Farm Animals					
	1.02		i		
13. Other Animals					
<u>.</u>					
ASSURANCE STATEMENTS					
		···			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

SIGNA	DATE SIGNED
	11/29/01
APHIS	I IEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0051

Customer Number:

582

Facility:

UNIVERSITY OF ILLINOIS

OFF. OF PROVOST & VCAA, PAC530

P.O. BOX 19243

SPRINGFIELD, IL 62794

(217) 786-6614 **206**

HEALTH & SCIENCES BUILDING DEPT. OF BIOLOGY 320 EAST SUPERIOR STREET SPRINGFIELD, IL 62794

additional information.

Interagency Report Control No. 0180-DCA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0062

CUSTOMER NO. 574

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 29-2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

WESTERN ILLINOIS UNIVERSITY ONE UNIVERSITY CIRCLE MACOMB, IL 61455

東部東京市東新東新 (309) 298 1828

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Waggoner Hall, One University Circle

Rooms 7, 9 through 36, 41, 42, 43

Western Illinois University

A. Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D =E)
4. Dogs			·		
5. Cats					t:
6. Guinea Pigs	,				
7. Hamsters					
8. Rabbits	-8-	-8-			-8-
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
oldfield mice	-250-	-250-			-250-
					·

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals effected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) se above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CE O. OR INSTITUTIONAL OFFICIAL	TNAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL (Type of Print)	11/27/01
		111/2//01

Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0067

include Zip Code)

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA, NORTHERN ILLINOIS UNIVERSITY

DE KALB, IL 60115

FACILITY LOCATIONS(sites) DEPT. OF BIOLOGICAL SCIENCES **DE KALB, IL 60115**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits		8			8
9. Non-Human Primates					
10. Sheep					
11. Pigs					~
12. Other Farm Animals					
13. Other Animals					
Octodon degu		4			4
					·

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/20/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0068

CUSTOMER NO. 570

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SOUTHERN ILLINOIS UNIVERSITY OFFICE OF RESEARCH & PROJECTS CAMPUS BOX 1046

EDWARDSVILLE, IL 62026 (618) 650-3010

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

		C. Number of		ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
RATS	0	0	383	0	383
MICE	<i>a</i> 32	732	0	0	732

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	·	
CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executi	ive Officer or Legally Responsible Institutional official)	
I certify that t	the above is true, correct, and complete (7 U.S.C. Section 2143)	
CONTRIDE OF OF O OR MOTITIFICALL OFFICIAL	MAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/19/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 33-R-0079 CUSTOMER NO. 578

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Biolog

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

NORTHEASTERN ILLINOIS UNIVERSITY OFFICE OF THE PROVOST 5500 N. ST. LOUIS AVENUE CHICAGO, IL 60625 (312) 583-4050

12-03-2001 RCVD

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, B. Number of Number of animals being which experiments experiments, research, surgery or tests were animals upon teaching, research, TOTAL NO. Animals Covered which teaching, conducted involving accompanying pain or distress OF ANIMALS By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations experiments, or conducted involving have adversely affected the procedures, results, or (Cois. C+ teaching, testing, accompanying pain or tests were experiments, conducted distress to the animals interpretation of the teaching, research, D + Eresearch, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report) used. 0 4. Dogs 5. Cats \bigcirc 6. Guinea Pigs 7. Hamsters 0 8. Rabbits \mathcal{O} 9. Non-Human Primates 0 10. Sheep O 11. Pigs 12. Other Farm Animals 13. Other Animals 70 370 8

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEAR	RCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsib	ole Institutional official)	
I certify that the above is true, correct, and complete	(7 U.S.C. Section 2143)	
	Print)	DATE SIGNED
		1 -1.00/2

PART 1 - HEADQUARTERS

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0088 CUSTOMER NO. 572

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

DEPT. OF BIOLOGY WHEATON, IL 60187 WHEATON COLLEGE 501 E. COLLEGE AVENUE

501 E. COLLEGE AVENUE WHEATON, IL 60187

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		<u>. </u>			
8. Rabbits					
9. Non-Human Primates		Lu			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
		· · · · · · · · · · · · · · · · · · ·			
13. Other Animals					
Golden Mantle Ground Squirrel		1			1
ASSURANCE STATEMENTS				of appetentia analysis and transmilliving dates prior to	du sia a

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- f) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

 =
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/30/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO 33-R-0094

CUSTOMER NO. 568

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

PHARMICHEM TESTING SERVICES, INC. 17501 W. DUVAN DRIVE TINLEY PARK, IL 60477 (708) 429-4040

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing N/A

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	1	0	1	0	1
6. Guinea Pigs	2	0	92	0	92
7. Hamsters	0	0	0	0	0
8. Rabbits	24	213	6	0	219
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Roosters	0	0	4	0	4
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of armital said and acc.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executi	ve Officer or Legally Responsible Institutional official)	
I certify that the	ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/27/01
	PART 1	- HEADQUARTERS

additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0100

include Zip Code)

CUSTOMER NO. 571

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

10-23-2001 RCVD

PARKLAND COLLEGE 2400 W. BRADLEY AVENUE CHAMPAIGN, IL 61821

(217) 351-2200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

L-16(a, L-160b, L-160c, L-160d, L-227,

A. Animals Covered By The Animal Welfare Regulations .	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgory, or tosts. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	8	0	8
5. Cats	0	0	12	0	12
6. Guinea Pigs	0	0	8	0	8
7. Hamsters	0	0	8	0	88
8. Rabbits	0	0	6	0	6
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	O	0		
11. Pígs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
mice	0	0	36	0	36
rats	0	0	88	0	8

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

DATE SIGNED 10/16/01

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0103

CUSTOMER NO. 565

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 11-16-2001 RCVD

include Zip Code) KENNELWOOD, INC. 1913 N. STALEY ROAD

CHAMPAIGN, IL 61821 (217) 356-3539

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research,	testing, teaching, or experimentation, or held for these purposes. Attach additional					
sheets if necessary.)						
FACILITY LOCATIONS(sites)						
See Attached Listing						

A. Animals Covered By The Animal Welfare Regulations	bred cond held tead experiese surg	nals being	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	,^	rA]44	NA	NA	144
5. Cats	N	Α	178	NΑ	NA	178
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-Human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals		,				
13. Other Animals		,				
•						

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0104

CUSTOMER NO. 566

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF ILLINOIS AT CHICAGO 1601 PARKVIEW AVENUE ROCKFORD, IL 61107-1897

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

U. OF IL -COLLEGE OF MEDICINE @ ROCKFORD
ROCKFORD, IL 61107

Α.	B. Number of	C. Number of	D. Number of animals upon	issary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animats Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		21			21
8. Rabbits		1			1
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
gerbils	80				
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal series and asset		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	ve Officer or Legally Responsible Institutional official)	
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/07/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0106

CUSTOMER NO. 567

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

DATE SIGNED

10/19/01 ART 1 - HEADQUARTERS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

aspects of animal care and use.

SIC

include Zip Code) UNIVERSITY OF ILLINOIS P. O. BOX 1649

PEORIA, IL 61656 (309) 671-8525

See Attached Listing					
					<u></u>
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	f (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep		*,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
11. Pigs			29		29
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS	and deads assuming the	a tradment and use of	noimala including accountations	of appetholic analoguis and transmillains do as arise to	during
			animals, including appropriate use re followed by this research facilit	of anesthetic, analgesic, and tranquilizing drugs, prior to, y.	ouring,
2) Each principal investigator h		•			_
principal investigator and ap	proved by the Institutional	Animal Care and Use Co	mmittee (IACUC). A summary of	standards and regulations be specified and explained by the all the exceptions is attached to this annual report. In is, as well as the species and number of animals affected.	5

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0113

CUSTOMER NO. FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

707

SOUTHERN ILLINOIS UNIVERSITY P. O. BOX 0620 19620 SPRINGFIELD, IL 62794 (217) 705-3053 **545-3425**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing See attachment

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL. (Cols. C + D + E)
4. Dogs			11		11
5. Cats		3			3
6. Guinea Pigs			12		12
7. Hamsters					
8. Rabbits	2	12	72		84
9. Non-Human Primates					
10. Sheep					
11. Pigs			40		40
12. Other Farm Animals					
13. Other Animals					
Chinchilla	33		117		117
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspecis	mai care and use.
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional official)
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)
s	DATE SIGNED
	11/14/01
<u></u>	11/14/01
AF	HEADQUARTERS

(AUG 91)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0113

Customer Number:

707

Facility:

SOUTHERN ILLINOIS UNIVERSITY P. O. BOX 19620 19420

SPRINGFIELD, IL 62794 (217) 765-3063 545-362 5

SCHOOL OF MEDICINE 801 N. RUTLEDGE STREET SPRINGFIELD, IL 62794 62762

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0119

CUSTOMER NO. 562

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) LOYOLA UNIVERSITY OF CHICAGO

RESEARCH SERVICES 6525 N SHERIDAN RD CHICAGO, IL 60626

				(773) 508-2471	
 REPORTING FACILITY (List a sheets if necessary.) 	ill locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attach add	litional
		F	FACILITY LOCATIONS (sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	f (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching testing	C. Number of animals upon which teaching, research, experiments, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanion pair or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures results or	F. TOTAL NO. OF ANIMALS

A. Animals Covered By The Animal Vielfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		4			4
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					·
12. Other Farm Animals					
13. Other Animals					
Chinchillas		7	13		20
Ground Squirrels		18			18

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	۱I
(Chief Executive Officer or Legally Responsible Institutional official))

SIGNATUR

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APHIS FO (AUG 91) **ERS**

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0119

Customer Number:

562

Facility:

LOYOLA UNIVERSITY OF CHICAGO

RESEARCH SERVICES 6525 N SHERIDAN RD CHICAGO, IL 60626 (773) 508-2471

LAKE SHORE CAMPUS DAMEN HALL 6525 N. SHERIDAN ROAD CHICAGO, IL 60626

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0120

CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) -07-2001 RCVD

include Zip Code) BIOPRODUCTS, INC. 1048 S. HIELAND ROAD

ST ANNE, IL 60964 (815) 935-0900

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing

60964 4nne REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of Number of animals upon animals being animals upon which experiments experiments, research, surgery or tests were which teaching, conducted involving accompanying pain or distress TOTAL NO. Animals Covered bred. teaching, research. By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or teaching, testing, (Cols. C+ tests were accompanying pain or experiments, interpretation of the teaching, research, D + E) conducted distress to the animals research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or yet used for such tranquilizing drugs were animals and the reasons such drugs were not used use of painpurposes. must be attached to this report) relieving drugs 60 ωO 0 O 4. Dogs 5. Cats Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pias 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
	it)	DATE SIGNED
		10/24/01

interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0126

CUSTOMER NO. 9971

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) (b)(6), (b)(7)c 1215 HOUBOLT RD

JOLIET, IL 60431 (815) 280-2775

	311	F.	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece.	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		28	30		
5. Cats		19	21		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep		1.2			
11. Pigs		75			
12. Other Farm Animals					
Cuttle		80			
13. Other Animals					
gouts		1.2			
J					
ASSURANCE STATEMENTS					
	andards governing the cor	e treatment and use of a	mimals including appropriate and	of anesthetic, analgesic, and tranquilizing drugs, prior to, of	tuene
	h, teaching, testing, surger	y, or experimentation wer	re followed by this research facilit		2011ig,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

•				
	CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executi	ve Officer or Legally Responsible Institutional official)		
	I certify that the	he above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE OF CEO	OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL /Type or	Drintl	DATE SIGNED
				11/29/01
A	(ej, milati is sussicio		.HEADQUARTERS

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0127

CUSTOMER NO. 11541

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ILLINOIS COLLEGE OF OPTOMETRY

DEPARTMENT OF BASIC AND HEALTH SCIENCES 3241 S MICHIGAN AVE CHICAGO, IL 60616

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

ILLINOIS COLLEGE OF OPTOMETRY CHICAGO, IL 60616

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic.analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	17	76			76
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
CERTIFICATION B	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
I certify that the a	bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
1	•	10/10/2001

USDA APHIS AC

919 716 5<u>5</u>96

See reverse side for

P.02/02

This report is required by saw (7 USC 2143). Paltire to report according to the regulations user result in an order to ceases and deatst and to be subject to behalfse as provides for in Section 2150.

additional information.

Interagency Papert Control No C190-DOA-AH

United States departmen	
ANIMAL AND PLANT HEALTH!	HSPECTION SERVICE

1. REGISTRATION NO. SUSTOMER NO. 33-R-C128

FORM APPROVED OMB NO. 0378-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

12341

1. HEADQUARTERS RESEARCH FACILITY (Home and Address, as registored with USDA, include Zia Code)

DE PAUL UNIVERSITY OFFICE OF SPONSORED PROGPAN & RESEARCH 2320 N. KENNORE AVE. STE. 501 CHICAGO, IL 60614

REPORTING FACILITY (List all locations where animals wore housed or used in rollar resiliences any);	(773) 325-2593 Brail, Issling, leaching, or experimentation, or held for these purposes. Attech additional
FAGLITY	OCATIONS(##es)
Research Support Facility	

Research Support Facility

2335 North Clifton Street Chicago II 60614

A.	5. Number of	C. Number of	D. Number of animals upon	SELLY OF USE APPLIES FORM 7023A)	
Animals Covered By The Animal Walfare Regulations	arimets being bred. conditioned, or held for use it teaching, testing, experiments, research, or awgery but not yet used for exchipulposes.	animals upon which reaching, research, experiments, or tests were consucted involving no pain, discress, or use of permetioning drugs.	Which experiments, leading research, surgery, or leading to consisted involving ecompanying pain or distress to the unifical and for which approximate	E. Number of animate upon which teaching, experiments, research, surgery or sets were conducted involving sucumpanying pain or statutes to the animale and for which the use of appropriate anesthebu analyses, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be placeded in this report?	F. TOTAL NO OF ANIMAL (Coss. G + D+E)
4. Dogs					
5. Cáts					
3. Guinea Pigs					
. Hamsters					
i. Rabbits					
Non-Human Primates					
0. Sheep		•			
1. Pigs					-
2. Other Farm Animals					
3. Other Animals					
	0	NEGATIVE	SUBMISSION		
			 		

- Professionally exceptable etandards governing the care, troutment, and use of animes, including appropriate use of anesthetic, analysists, and transportation of animal professional profes
- Ezon principal sivessigator has considered alternatives to partful procedures.
- 3) This family is eithering to the alandards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be expected and explained by the principal investigator and approved by the frastructural Animal Care and Use Committee (IACUC). A summary of all the exceptions is established to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a time explanation of the exceptions, served as the species and number of animals effected.
- 4) The attending visionination for this research facility has appropriate authority to onsure the provision of adequate veterinary care and to overs

appears or friends CBA	a re une.	a sectioned of Stills	
3K	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	***************************************	
JN.		Printi	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 19-23 (Oct 56), which is epsolets	PART 1 - 1	11/20/01 HEADQUARTERS

See reverse side for

Interagency Report Control No 0180-DOA-AN

OMB NO. 0579-0036

additional information CUSTOMER NO. 1. REGISTRATION NO.

33-R-0029

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zia Code)

603

UNIVERSITY OF ILLINOIS 10 OBSERVATORY BUILDING 1 Observatory Bldg.

901 S. MATHEWS URBANA, IL 61801 (217) 333-2564

(217) 244-1829

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neld for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		65	56		121
5. Cats		32	10		42
6. Guinea Pigs		4	3	5	12
7. Hamsters		1	3		4
8. Rabbits	27	26	246	6	278
9. Non-Human Primates					
10. Sheep		6	33		39
11. Pigs		130	205	142	477
12. Other Farm Animals					
Bovine		250	33	7	290
13. Other Animals					
Chinchilla	<u> </u>	1 6			16
Gerbil		38		52	90
Caprine		4	35		39

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a bnef explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 33-R-0029 603

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF ILLINOIS

10 OBSERVATORY BUILDING 1 Observatory Bldg. 901 S. MATHEWS

URBANA, IL 61801

(217) 244-1829- (217) 333-2564

A. Animats Covered By The Animat Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Equine		99	21		120
Bat			34		34
Ferret		32	17		49
Wild Rodent				68	68
		-			
]				
-					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official)	•
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/27/07

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0029

Customer Number:

603

Facility:

UNIVERSITY OF ILLINOIS

10 OBSERVATORY BUILDING -

1 Observatory Building

901 S. MATHEWS URBANA, IL. 61801

(217) 244-1829

(217) 333-2564

UNIV. OF ILLINOIS - URBANA-CHAMPAIGN DEPARTMENT OF PSYCHOLOGY 603 E. DANIEL URBANA, IL 61820

Beckman Institute for Advanced Science and Technology

Burrill Hall

Morrill Hall

Medical Sciences Building

Psychology Building

Edward R. Madigan Laboratory

Veterinary Medicine Basic Sciences Building

Veterinary Medicine Small Animal Clinic

Veterinary Medicine Large Animal Clinic

Veterinary Medicine Research Farm

Department of Animal Sciences Farms

1. F	Registration Numb	er: <u>33-R-0029</u>			
2. N	lumber	4	of animals u	sed in this stud	ly.
3. S	pecies (common	name) <u>Bovine (c</u>	ow) of ar	nimals used in t	he study.
4. E	xplain the proced	ure producing pa	n and/or dis	tress.	
	disease. This priguantities in the	ocedure is nece lab to meet or fort and diarrhea	ssary since ur research for 1-3 day	this organism requirements.	n parasite that causes diarrheal n cannot be grown in sufficient . The animals experience mild cover to shed organisms for an
r	rovide scientific ju neans used to del Federally mandate	termine that pain	and/or distre	ess relief would	ot be relieved. State methods or I interfere with test results. (For
	The IACUC prospotential for pain/		d animals to	be used in th	is project to column E based on
	parvum oocysts administration of cause abdominal happy to see the solutions. The althe start of the discountry and the start of	used in our st pain relieving me cramping, the a caretaker during nimals did not ap liarrhea. The use fort for the anin	udies did a dication was nimals in ou each bi-dai pear to suffor of medicat nals, would	not appear to s not necessar or study appear by visit and viguer discomfort a fion to treat the invalidate ou	al inoculation of the dosage of <i>C</i> . a cause pain. Therefore, the y. Although diarrhea is known to red bright, alert and responsive, orously drank re-sorb electrolyte at anytime during, before or after e diarrhea, and therefore lessen in study, since the diarrhea is
F	/hat, if any, federa Regulations (CFR) 13.102):	al regulations requ) title number and	uire this prod the specific	cedure? Cite the section number	ne agency, the Code of Federal er (e.g., APHIS, 9 CFR
Age	ncy	NIH		_CFR	113.102

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by laypersons as well as scientists.

1.	Registration	Number:	<u>33-R-0029</u>	

2. Number 3 of animals used in this study.

3. Species (common name) Bovine (dairy cow) of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Experimental induction of coliform mastitis causes transient mammary gland inflammation (swelling, redness, pain) and transient systemic signs of illness (fever, high heart rate, low rumen motility, low milk production)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

The analgesics that are commonly used in cattle are corticosteroids, such as dexamethasone and isoflupredone acetate, and non-steroidal antiinflammatory agents (NSAIDs) such as aspirin, phenylbutazone, flunixin meglumine, and ketoprofen. Unfortunately, these classes of analgesic/antiinflammatory agents alter the course of coliform mastitis, and would alter many of the parameters we propose to measure (eg, gland swelling, rectal temperature, heart rate, white blood cell count, attitude) [see for example: Lohuis et al, Effect of dexamethasone on experimental Escherichia coli mastitis in the cow, J Dairy Sci 1988;71:2782-2789; Anderson et al. Efficacy of flunixin meglumine for the treatment of endotoxin-induced bovine mastitis, Am J Vet Res 1986;47:1366-1372]. By using these drugs in this pilot study, which is designed to determine an appropriate inoculation regimen for inducing coliform mastitis in dairy cows. we could substantially reduce the apparent severity of mastitis, leading to false conclusions about the inoculation regimen. Ultimately, the inoculation regimen we develop will be used in cows in controlled treatment trials in which analgesics/antiinflammatory agents cannot be used (we must have untreated control cows). Therefore, we want to ensure that the regimen we develop will be safe for use in those cows. Other classes of analgesics are not FDA approved for use in cattle and their efficacy in cattle is questionable. Alpha-2 agonists, such as xylazine, have analgesic effects but are sedative-hypnotic agents which cause a sleep-like state (this would interfere with interpretation of clinical effects of the inoculation regimen); also, the duration of analgesia is very short (eg, 15 to 30 min for xylazine). Opiod analgesics are stimulatory in ruminants and can cause increased heart and respiratory rates, hypotension, and altered GI motility, all of which would interfere with our evaluation. There is controversy over whether cattle have the appropriate receptors to respond to the analgesic effects of opiods, and efficacy has been variable in our clinic. Again, frequent redosing (up to every 1-3 hr) would be needed to maintain analgesia if it could be induced. In summary, no parenteral analgesic agents are appropriate for use in this study. A final alternative would be local/regional anesthesia. Epidural anesthesia adequate to anesthetize the udder would immobilize the rear legs and cause recumbency. This would hinder evaluation of the udder, collection of milk samples, and feeding/watering of the cow and greatly increase the risk of injury as the cow struggled to rise. Also, repeated dosing would be needed. Blocking of spinal

nerves L1, L2, and L3 desensitizes the forequarters and blocking of the perineal nerve desensitizes the rear quarters of the udder, but these blocks are difficult to perform and often result in recumbency. Only 1 to 3 hours of analgesia would be achieved before needing to repeat the procedure, which requires several potentially painful injections. The effects of local analgesia on clinical response to mastitis is unknown. On the basis of my literature review and discussions with veterinary anesthesiologists, I believe we should not use analgesic agents in this study. [References for analgesic agents in cattle: Lumb and Jones, Veterinary Anesthesia 3rd ed, Williams and Wilkins: Baltimore, 1996; C Swanson, ed, Anestheia Update, The Veterinary Clinics of North America Food Animal Practice, WB Saunders Co: Philadelphia, 1996.]

6.	. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal
	Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR
	113.102):

CFR

1. Regis	stration Number:	_33-R-0029			•
2. Numt	oer	29	•	of animals used in this study	•
3. Speci	es (common nan	ne)	Gerbil	of animals used in the study	•
4. Expla	in the procedure	producing pain	and/or distress.		
	Gerbils ingested euthanized.	i Neospora car	ninum oocysts. A	ny that became ill were promptl	у
mean		ine that pain ar	nd/or distress reli	could not be relieved. State me ef would interfere with test resu	
	As soon as gert irrelevant.	oils became ill t	hey were euthan	lized, so treatment for pain was	
	ations (CFR) title			? Cite the agency, the Code of number (e.g., APHIS, 9 CFR	Federal
Agency_		<u>.</u>	CFR		

1. Reg	istration Number:	33-R-0029		
2. Nun	nber	23) .	of animals used in this study.
3. Spe	cies (common name	e) <u>Ger</u>	bil	of animals used in the study.
4. Expl	ain the procedure p	roducing pain and	l/or distress.	
	Gerbils ingested I euthanized.	Neospora caninum	n oocysts. Any	that became ill were promptly
mea	ide scientific justific ns used to determir erally mandated tes	ne that pain and/or	distress relief	ould not be relieved. State methods or f would interfere with test results. (For
	As soon as illnes irrelevant.	s was evident, ge	rbils were euth	nanized, so treatment for pain was
	lations (CFR) title r			Cite the agency, the Code of Federal number (e.g., APHIS, 9 CFR
Agency		C	FR	

1. Registration N	umber: <u>33-R-</u>	0029	
2. Number	5	_ of animals used in th	is study.
3. Species (com	mon name)	guinea pigs	of animals used in the study.
4. Explain the pro	ocedure produ	cing pain and/or distres	SS.
blood fee tape cove the guine held in the minutes. hours. A	eding by moso ering their head ea pigs a four the he cages for 2 The animals	quitoes. Guinea pigs ds and most of their bo square centimeter area 20-30 minutes and qu are out of their holdin	of discomfort because of the restraint and are restrained in cotton stocking nets with odies for relatively short periods of time. On a on the back is exposed. Guinea pigs are ail are held in a mosquito cage for 30-60 g cages at Vet Med for approximately two ted such that each animal is used only 1-2
means used to de	etermine that p		ss could not be relieved. State methods or ef would interfere with test results. (For
sedative probably mosquito	on these anii	mals for such short page of the sand the wide range of the wide range of the wide range of the sange of the s	e Vet clinic, we determined that the use of periods of time and infrequent exposure animal's health. Due to the variety of of research projects, we can't institute an
birds and	mammal feedi	ing mosquitoes. In fact	time intensive and doesn't easily adapt to two had a graduate student investigate the e to produce viable eggs.
			re? Cite the agency, the Code of Federal number (e.g., APHIS, 9 CFR 113.102):
Agency		CFR	

1. Registration Number: _	33-R-0029	
2. Number	40	of animals used in this study.
3. Species (common name	e)Pig	of animals used in the study.
4. Explain the procedure p	roducing pain and/or distress.	
Pigs are inoculated with	PRRSV, which induces sickne	ss
		•
means used to determine	ation why pain and/or distress one that pain and/or distress relied ting, see question 6 below)	could not be relieved. State methods or of would interfere with test results. (For
antioxidants inhibit dise	ent in U.S. swine herds. The go ase pathogenesis. Providing the ound the experimental treatmen	oal of our research is to determine if e relief would interfere with the normal ts.
6. What, if any, federal reg Regulations (CFR) title (113.102):	ulations require this procedure? number and the specific sectior	P Cite the agency, the Code of Federal number (e.g., APHIS, 9 CFR
Agency	CFR	

1. Registration Number:	33-R-0029	
2. Number	<u>78</u>	of animals used in this study.
3. Species (common nam	ne)Pig	of animals used in the study.
4. Explain the procedure	producing pain and/or distress.	
Pigs were inoculated w	ith Mh and PRRSV, which induc	ced sickness.
means used to determi	cation why pain and/or distress one that pain and/or distress reliesting, see question 6 below)	could not be relieved. State methods or of would interfere with test results. (For
determine if these path	y prevalent in U.S. swine herds. ogens interact to decrease prote normal disease pathogenesis a	
6. What, if any, federal reg Regulations (CFR) title 113.102):	ulations require this procedure? number and the specific section	Cite the agency, the Code of Federal number (e.g., APHIS, 9 CFR
Agency	CFR	

1. F	legistration Number: 33-R-0029
2. N	lumber of animals used in this study.
3. S	pecies (common name) Porcine (pig) of animals used in the study.
4. E	xplain the procedure producing pain and/or distress.
	Pigs are inoculated per mouth or IP with Salmonella choleraesius. Both procedures are quick and cause no obvious undue stress. No clinical disease is seen before pigs are killed for sample collections, three to five days later.
r	rovide scientific justification why pain and/or distress could not be relieved. State methods or neans used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)
	If pain or distress would have been observed in inoculated pigs, (moderate or moderately severe clinical disease), the pigs would have been euthanized. Pain and distress was unlikely when project proposed and data from original pigs confirm it is not a problem.
F	That, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 13.102):
Age	ncyCFR

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 33-R-0029	
2. Number6	of animals used in this study.
3. Species (common name) _Rabbit	of animals used in the study.

Explain the procedure producing pain and/or distress.

There are two procedures that can create pain/distress to the rabbits used for polyclonal antibody production. One procedure is immunization and the other is blood sampling.

Rabbit immunization procedure involves the injection of antigen-adjuvant emulsion into rabbit subcutaneous sites on shoulder and hip areas. The clinical needles used for injection can cause mechanical pain at injection sites. In addition, the tissues around injection sites can suffer certain degree of pain associated with the immune response to the antigen introduced. The bleeding procedure causing pain and distress include ear vein dilation and nicking. Rabbit ear veins are dilated by surface application of limonine-alcohol solution. The rabbit can feel uncomfortable because of swelling blood vessels and elevated temperature in ears during and after vasodilation. After the blood vessels are enlarged in 5 minutes, one lateral vein is nicked using a surgical scalpel, and the blood coming out from the nick is collected into a tube. The nicking and blood dripping can introduce pain and distress to animal. Finally, the rabbit can feel a hand pressure during the termination of bleeding.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

To stimulate immune response, an antigen has to be introduced into rabbit subcutaneous sites that are close to lymph nodes so the use of clinical needle is necessary to deliver antigen into those sites. Animal immune response to the injected antigen is accompanied by local tissue inflammation that is the cause for pain at injection sites. Some adjuvants are stronger than the other to cause inflammation. We have replaced Fruend's complete adjuvant with a milder alternative Titermax for most of our rabbit immunizations. We are, therefore, able to alleviate pain to animals. Blood sampling is required to monitor animal immune response and collect serum antibodies. But we have followed LACUC guideline to minimize the pain and distress imposed on rabbit during and after bleeding.

1. Registration Number: 33-R-0029
2. Number of animals used in this study.
3. Species (common name) Wild mice of animals used in the study.
4. Explain the procedure producing pain and/or distress. Discomfort is a normal consequence of PRV infection. Infected animals were observed at 6-8 hour intervals if virulent virus was used. Our experience with these animal systems (20 years) and documented experience of humans with fatal herpes simplex encephalitis indicate that the level or discomfort is minimal during the early course of the disease or nonexistent if the animal becomes comatose. Although the end-point for virulence assays is death from CNS involvement, in most cases careful monitoring of animals results in the opportunity of euthanizing the animal prior to death. Severe CNS involvement can be used as a predictor that the animal will die during the next observation period and therefore the animal can be euthanized to eliminate further discomfort.
 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)
Clinical pseudorabies causes discomfort and respiratory disease that can lead to acute infection of the central nervous system and death. Although mice do not experience pain as such, the severity of the disease and the acute encephalitis require that terminal animals be euthanized. The mice are considered terminal when they exhibit signs of CNS involvement. Drugs cannot be administered because of the unknown effect that they might have in a wildlife species on the outcome of the experiments which are aimed at understanding the interaction of the viruses in a non-host species.
 What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
AgencyCFR

1. Registration Number: 33-R-0029	
2. Number 38	of animals used in this study.
3. Species (common name) Wild mice	of animals used in the study.
4. Explain the procedure producing pain and/or distress. Discomfort is a normal consequence of PRV infect intervals if virulent virus was used. Our experier documented experience of humans with fatal herpediscomfort is minimal during the early course of the comatose. Although the end-point for virulence assass careful monitoring of animals results in the opportunity CNS involvement can be used as a predictor that the and therefore the animal can be euthanized to eliminate.	es simplex encephalitis indicate that the level of the disease or nonexistent if the animal becomes ys is death from CNS involvement, in most cases ty of euthanizing the animal prior to death. Severe animal will die during the next observation period
 Provide scientific justification why pain and/or distress used to determine that pain and/or distress relief would mandated testing, see question 6 below) 	could not be relieved. State methods or means d interfere with test results. (For Federally
Clinical pseudorabies causes discomfort and respirator central nervous system and death. Although mice do not disease and the acute encephalitis require that terminal terminal when they exhibit signs of CNS involvement unknown effect that they might have in a wildlife speciaimed at understanding the interaction of the viruses in the contraction of the viruse in the contraction of the vi	l animals be euthanized. The mice are considered Drugs cannot be administered because of the sies on the outcome of the experiments which are
6. What, if any, federal regulations require this procedure Regulations (CFR) title number and the specific sections.	e? Cite the agency, the Code of Federal on number (e.g., APHIS, 9 CFR 113.102):
AgencyCFR	

This report is required by laiv (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

CUSTOMER NO. 569 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2 DEPORTING FACH (TV / List all locations where complete were here

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CARLE FOUNDATION, THE 611 W. PARK STREET URBANA, IL 61801 (217) 383-3311

sheets if necessary.)	teating, teaching, or experimentation, or neighfor these purposes. Attach additional			
FACILITY LOCATIONS(siles)				
See Attached Listing				
Carle Bear Research Facility	2397 CR 675E, Champaign, IL 61821			

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		<u></u>			
3. Rabbits					
). Non-Human Primates					
0. Sheep					
11. Pigs					
12. Other Farm Animals					
3. Other Animals					
Black Bears				13	13
·.					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	(Chief Executiv	e Officer or Legally Res	ESEARCH FACILITY OFFICIAL ponsible Institutional official) omplete (7 U.S.C. Section 2143)	1.47
SICHATIBE OF CE O OR INSTIT	UTIONAL OFFICIAL	NAME & TITLE OF C.E	.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/19/01
NPI	18-23 (Oct 88)	, which is obsolete	PART 1	- HEADQUARTERS

1

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

33-R-0097

Customer Number:

569

Facility:

:

CARLE FOUNDATION, THE 611 W. PARK STREET URBANA, IL 61801 (217) 383-3311

DEPT. OF MEDICAL RESEARCH RESEARCH CENTER 611 W. PARK STREET URBANA, IL 61801

1.	Registration Number:	33-R-0097
2.	Number13	of animals used in this study.
3.	Species (common name)	Black Bearsof animals used in the study.
4.	months. In the wild, normally do not have survive as long as 5 drinking, urinating birth and nurse cubs stimulate the metaboreproduce the denninhoused at the Carle but have free access caretaker and once a	Study hibernation which involves fasting during the during the natural denning season, black bears access to food or even water, but are able to to 7 months under these conditions without eating, or defecating. In addition, female bears are able to give while maintaining their winter fast. In order to lic changes in captive black bears, it is necessary to g state as found in the wild. To do this, bears Foundation Research Facility are fasted for 4-5 months, to water. The bears are observed daily by the month by a veterinarian. Anesthesia and medications used for any painful procedures.
		in why pain and/or distress could not be relieved. State methods or means used to distress relief would interfere with test results. (For Federally mandated testing, see
	Not applicable	
	· .	
		ions require this procedure? Cite the agency, the code of Federal Regulations specific section number (e.g., APHIS, 9 CFR 113.102):
	Agency Not appl	icable CFR

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Interegency Report Control No 0180-DOA-AN

This report	is required by law (7 USC 2	(143). Fallure to report according to the regulations can and to be subject to penalties as provided for in Section 21
restriction and	OLDEL IO CORDO RUG GOODY I	and it) on soulest or her

additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 33-R-0028

CUSTOMER NO. FORM APPROVED 576 OMB NO. 0579-0035

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) G. D. SEARLE & CO., INC. 4901 SEARLE PARKWAY

SKOKIE, IL 60077 (708) 982-7000

2. HEADQUARTERS RESEARCH FACILITY (Name and Audress, as registered with USDA,

3. REPORTING FACILITY (List all locations where suited or used in actual research, testing, leaching, or experimentation, or held for tress purposes. Attach admittants

. 17--- (3--- 1elects if necessary.)

FACILITY LOCATIONS(SIRE)

See Attached Listing

Research & Development Division

Animais Covered By The Animal Westura Regulations	B. Number of animals being brud, conditioned, or held for use in teaching, testing, asperiments, research, or surgery but not yet used for such purposes.	C. Number of animals upoh which teaching, research, experiments, or tears were conducted involving no pain, distross, or use of pain-relieving drugs.	D. Number of entends upon which appearance, teaching, research, surgery, of tests were conducted involving earn or distress to the entends and for which appropriate ensitieds, andigesis, or tranquilizing drugs were used.	Sery or use APMIS FORM 70234) E. Number of animals upon which teaching, experiments, research, surgery or lesss were conducted involving accompanying pain or discress to the animals and for which the use of appropriate anisathetic analyses, or canquiliting drugs would have adversely effected the procedures, results, or inserpretation of the teaching, research, experiments, surgery, or tests. (An experimation of the procedures producing pain or discress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cole. C + D + E)
I. Dogs	0	41.2	79	1	492
i. Cats	4	0	0	0	0
3. Guinea Pigs	0	. 0	1345	5	1350
7. Hamsters	0	0 -	12	0	12
3. Rabbits	0	218	284	6	508
9. Non-Human Primates	49	86	82	1	169
10. Sheep	0	0	0	0	Ö.
	0	0	0	0	0
11. Pigs 12. Other Farm Animals	0	0	0	0	0
12. Other Parm Anglishe	+ -				
13. Other Animula	0	0	0	0	0
		-			

- Professionally acceptable standards governing the care, treatment, and use of enimets, including appropriate use of enestnetic, snallgesic, and tranquilizing drugs, prior to, during, and following actual research, reaching, testing, susperly, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered attentiatives to painful procedures.
- 3) This facility is activeting to the examinate and requisitions under the Act, and it has required that exceptions to the standards and requisitions be specified and explained by the principal invastigator and approved by the institutional Atlanti Care and Use Committee (IACUC), A summary of all the exceptions is attached to this seminal report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animats affected.
- 4) The attending voterinarian for this research facility has appropriate authority to expure the provision of adequate veterinary care and to oversee the adequacy of other

ESDECTE OF STRINGS CARD SIZE LINE.		The state of the s	
 	CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	I
	and had the made in	Officer or Legally Responsible Institutional official)	
	(CINEL EXECUTIA)	Officer of Cognitive Annual Complete (711 S.C. Section 2143)	
	I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	DATESIGNED
	OFFICAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	
	. 01 . 102-4	i	1/19/01
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	·	DART	- HEADQUARTERS

ARHIS FORM 7023 (AUG 91)

(Replaces vo rORM 18-23 (Oct 86), which is elected



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This form is intended as an aid to completing the Column	C dapidifeuori. It is not a self-regulared on and of an
I TIS IOI II IS III ICINOS DE CAMA CAMA LA VELOCIDAD CAMA	omorams, and the like, are not required as part of all
This form is intended as an aid to completing the Column voluntary. Names, addresses, protocols, veterinary care payolanation. A Column E explanation must be written so	to be understood by lay persons as well as scientists.
A Column E explanation must be written so	as to be finderstood by isy beingering as man as
AYDIADATION, A COLUMN E COPICIONE	· ·

1.	Registration Nur	nber: 33-R-0028		 	
			of animals used in this	study.	
2.	Number	one	Of actitions does in 5 iii		
		. Dag	of animals used in the s	study.	
3.	Species (commo	on name) <u>Dog</u>	To a miliais dood in the	· · · · · · · · · · · · · · · · · · ·	
			•		
			andlar dietrace	**************************************	
4.	Explain the prod	cedure producing pain a	et compound.		
	Dog receive	d high dose of tes	g dog was noticed to be	very lethargic.	
	Twenty-four	hours post-dosing	cropsy was performed.		
	Animal was	euthanized and nev	Clopsy was r		
		, , , , , , , , , , , , , , , , , , , 	•		
5	Provide scienti determine that Item 6 below)	fic justification why pain main and/or distress reli	n and/or distress could not be reli lief would interfere with test result	in offectiv	re doses of
	Real o Scient	Study was being o	conducted to determine noine see of drugs to reverse the ferred with the evaluati		induced by
	Ren o ociow)	Study was being of test compound. Us would have inters			induced by
	Ren o ociow)	Study was being of test compound. Us would have inters			induced by
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	Rear o octow)	Study was being of test compound. Us would have inters			induced by
6		Study was being of test compound. Us would have inter- the compound.		on of (b)(4)	induced by
(5. What, if any, f (CFR) title nu	Study was being of test compound. Us would have inter- the compound.	ferred with the evaluati	on of (b)(4)	induced by
•		Study was being of test compound. Us would have inter- the compound.	ferred with the evaluati	on of (b)(4)	induced by

the column	F explanation. It is not an official form and its use is
This form is intended as an aid to completing the Column voluntary. Names, addresses, protocols, veterinary care production such be written so a	by and the lare are not required as part of an
addresses amtocols veterinary care p	programs, and the like, are not redemed to personate
voluntary. Names, addresses, protested to written so	as to be linderstood by lay persons as well as scientists.
voluntary. Names, addresses, protocols, veterinary care protocols, veterina	10 to be direction.

Registration Nurr	nber: 33-R-0028				
Number	`wo	of animals use	d in this study.		-
Number	,wo		~		
) G inna Bi	gof animals used	in the study.		
. Species (commo	on name) <u>Guinea Pi</u>	gor arminals	•		
•		,			
	edure producing pain a				•
Desire error	resulted in test	article being del	ivered to	instead	of thanized
Dosing error	16962000	. The an	imals were imm	mediatery ed	
_			-		
		•			•
	All redactions	on this page are pursuant	to (b)(4).		
	· · · · · · · · · · · · · · · · · · ·	-			
				n mathods or m	eans used t
5. Provide scientit	ic justification why pain	n and/or distress could no	ot be relieved. State	e methods or m derally mandal	eans used l
determine that	bally audion distress let	HEI WOOLD IN		was	severe
 Provide scientif determine that Item 6 below) 	bally audion distress let	HEI WOOLD IN		was	severe
determine that	bally audion distress let	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that	and not reversi	ble by potential t		was	severe
determine that Item 6 below)	and not reversi	ble by potential the animal.	herapy so deci	was sion was ma	severe de to
determine that Item 6 below)	and not reversi to euthanize th	ble by potential the animal.	herapy so deci	was ma	severe de to
determine that Item 6 below)	and not reversi to euthanize th	ble by potential the animal.	herapy so deci	was ma	severe de to
determine that Item 6 below) 6. What, if any, for (CFR) title nur	and not reversi to euthanize th	ble by potential the animal.	herapy so deci	was ma	severe de to

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists	
explanation. A Column E explanation must be written so as to be understood by	

Registration Number: 33	-R-0028				
2. Number Three		of animals us	ed in this study.	4	
3. Species (common name) G	inea Pig	_of animals use	ed in the study.	-	
Animals were dosed to and exper	o with test ag	enc. Antimor	developed within dost-dosing. No	48 hours pos ecropies wer	t-dosing. e performed
	All redactions	s on this page ar	e pursuant to (b)(4).	
	, -				P.
	•				
5. Provide scientific justificati	on why pain and/o	r distress could !	not be relieved. St	tate methods or	means used to
Provide scientific justificate determine that pain and/or	distress relief wou	ild interfere with	test results. (For	Federally mand	ated testing, se
se C halassi		a nead to ev	valuate the		tential of
the test artic	le. Use of the	erapeutics co	ould have mas!	ked the	
induce	d by the test	agent.			.
e e e e e e e e e e e e e e e e e e e					
					,
•••	·	٠			
6. What, if any, federal regu (CFR) title number and th	lations require this le specific section	procedure? Cite number (e.g., Af	e the agency, the o PHIS, 9 CFR 113.	code of Federal 102):	Regulations
None				·	
-		CFR			
Agency					,

* Envelopation	this not an official form and its use is
This form is intended as an aid to completing the Column E explanation roluntary. Names, addresses, protocols, veterinary care programs, and voluntary. Names, addresses, protocols, veterinary care programs, and	the like are not required as part of an
I his form is little loss and messes amtocols, veterinary care programs, and	Ine like, are not required as scientists
voluntary. Names, addresses, protocols, veterinary care programs, and voluntary. Names, addresses, protocols, veterinary care programs, and voluntary. Names, addresses, protocols, veterinary care programs, and voluntary.	istood by lay persons as well as sciention.
explanation, A Column E explanation must be trimed a	

and the second					
Registration Number	33-R-0028		-	<u>.</u>	
2. NumberSi	ĹX	of animal:	s used in this study	y .	
3. Species (common nam	ne) Rabbit	of animals	used in the study.		
4. Explain the procedure Rabbits underwen The animals died	producing pain and t surgergical p during the nig	or distress. rocedures to ht following	produce the surgical	procedure.	
	All redactions	on this page are	pursuant to (b)(4).		
		,	(0)		•
	ين				
5. Provide scientific just determine that pain a Item 6 below) The models for eval before therapeu	surgical proce uating effectiv	dure was per eness of tes	formed for that agents in	e purpose <u>of</u>	or means used to indated testing, see developing s died
6. What, if any, federal (CFR) title number a	I regulations require and the specific sect	this procedure? ion number (e.g	Cite the agency, t ., APHIS, 9 CFR 1	the code of Feder 13.102):	al Regulations
None				a.	
		CFR	·		
Agency				✓	

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is

This form is involuntary. Nar explanation. A	tended as an a nes, addresse Column E ex	aid to completing s, protocols, vete planation must be	the Column E rinary care pro written so as	explanation. It is ograms, and the to be understoo	s not an official like, are not red d by lay person	quired as part of	an entists.
1. Registratio	n Number	33-R-0028					
2. Number	Non-human	primate	of anir	nals used in this	study.	•	
3. Species (d	common name	e) <u>One</u>	of anim	nals used in the	study.		
				•			
		roducing pain and dosed with t minutes of		Animal deve	loped sever	e respirator	у
			•	•			
		-					
		مشو					
		· ·					
							•
determin Hem 6 b Animal provide	ne that pain and elow) Anim developed ed. A necro	cation why pain a d/or distress relie al was part of severe respin psy and histo	of a study	to evaluate	(b)(4) ad before th	of test nerapy could	t article. be
animal	death.						
					1		
••			•				
	' any, federal r itle number an	egulations require	e this procedu ction number (re? Cite the age e.g., APHIS, 9 C	ncy, the code o CFR 113.102):	f Federal Regul	ations
	NI (NI	ទ				*	
	NON]	יי	CFR				

Agency_

This report is required by law (7 USC 2143). Failure to report according to the regulations can ¿Esult in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0024

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

LOYOLA UNIVERSITY

2160 S. FIRST AVE. MAYWOOD, IL 60153

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

STRITCH SCHOOL OF MEDICINE
MAYWOOD, IL 60153

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. B. Number of C. Number of D. Number of animals upon which teaching, F.

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			29		29
5. Cats	1	109			109
6. Guinea Pigs			10	4	14
7. Hamsters			209		209
8. Rabbits	87	205	252		457
9. Non-Human Primates		17			17
10. Sheep					
11. Pigs	4				
12. Other Farm Animals					
13. Other Animals					
Ferrets	4	16			16

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/16/2001		

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

33-R-0024

Customer Number:

583

Facility:

LOYOLA UNIVERSITY 2160 S. FIRST AVE. MAYWOOD, IL 60153

Edward Hines Jr. Veterans Hospital Hines, IL

- 1. Registration Number: 33-R-0024 / 583
- 2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (4)

4. Explain the procedure producing pain and/or distress.

These animals were anesthetized successfully for a surgical procedure. During the course of the recovery period, the animals became progressively lethargic and expired. It is our understanding that such adverse and unanticipated events must be recorded in column E.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Pain relieving medication was administered to these animals during the first 24 hours post-operatively. However, the course of recovery was not as anticipated, and the general health condition of the animals continued to deteriorate. The animals did not appear to be in pain during the following 24-48 hours, but the lethargy and anorexia continued and the animals either died or were euthanized to avoid any potential for suffering. Despite supportive therapy the animals never recovered. It was the interpretation of our USDA inspector that this "adverse event" of the unanticipated failure of these animals to recover moved these specific animals from Category D to Category E.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: This does not appear to be a mandated federal cfr requirement, just a; suggested plan of action in the event of an adverse event.

Approval Status: Approved/Disapproved By: Date:

Disapproved Reason:

See reverse side for

Interagency Report Control No 0180-DOA-AN

additional information

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

11-25-2901 RCVD (TYPE OR PRINT)

1. REGISTRATION NO. 33-R-0122

CUSTOMER NO. 796

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

PEIZER INC. EAST LINCOLN ROAD EAST P. O. BOX 221 WHITE HALL, IL 62092 (217) 374-2102

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing EAST LINCOLN ROAD

			(Attach additional sheets if nece.		F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		0			
5. Cats		Ω			
6. Guinea Pigs	34	1362		583	1945
7. Hamsters		0			
8. Rabbits	48	878			878
9. Non-Human Primates					
10. Sheep					
11. Pigs		57			5.7
12. Other Farm Animals					
Cattle	20	25		61	86
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.			
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
		or Print)	DATE SIGNED
			20 Nov 01

PART 1 - HEADQUARTERS

(AUG 91)

1.	Registration Number: 33-R-0122
2.	Number 583 of animals used in this study.
3.	Species (common name) <u>Guinea Pig</u> of animals used in the study.
4.	Explain the procedure producing pain and/or distress.
	(b)(4)
5.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)
	Anesthetics and/or analgesics may not be used because they might interfere with the results.
:	
6.	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	Agency USDA CFR 9CFR 113.106 & 113.107

	Registration Number: 33-R-0122		
1.	Registration Number. 33 K 3222		
2.	Number 61	of animals used in this study.	
3.	Species (common name) <u>Cattle</u>	of animals used in the study.	
	Explain the procedure producing pain an (b)(4)		
5.	Provide scientific justification why pain a determine that pain and/or distress relief Item 6 below)	nd/or distress could not be relieved. State methods or means used to would interfere with test results. (For Federally mandated testing, se	е
	The use of anesthetics and/or monitoring by either masking of	analgesics could affect the clinical or mimicking symptoms.	
6	. What, if any, federal regulations require (CFR) title number and the specific sect	this procedure? Cite the agency, the code of Federal Regulations on number (e.g., APHIS, 9 CFR 113.102):	
	Agency	CFR	
	Not required by federal regul	ations, however, the study was submitted and -LPD), Center for Veterinary Biologics -	

1.	Registration Number: 33-R-0122
2.	Number 61of animals used in this study.
3.	Species (common name) <u>Cattle</u> of animals used in the study.
4.	Explain the procedure producing pain and/or distress.
	(b)(4)
5.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)
	The use of anesthetics and/or analgesics could affect the clinical monitoring by either masking or mimicking symptoms.
	· · · · · · · · · · · · · · · · · · ·
6.	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	AgencyCFR

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 33-R-0090

CUSTOMER NO. 573

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

12-05-2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code) TOX MONITOR LABORATORIES, INC. 33 W. CHICAGO AVENUE

OAK PARK, IL 60302 (708) 345-6970 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing					
		1-1			11.40 c
REPORT OF ANIMALS USED BY	OR UNDER CONTROL	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesić, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		540			540
7. Hamsters					
8. Rabbits		440	126	70	636
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
PAT		940			940
Mue	1	120			120
ASSURANCE STATEMENTS					
 Professionally acceptable st 	tandards governing the car	e, treatment, and use of a	nimals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

FACILITY LOCATIONS(sites)

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
		11/25/01	

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

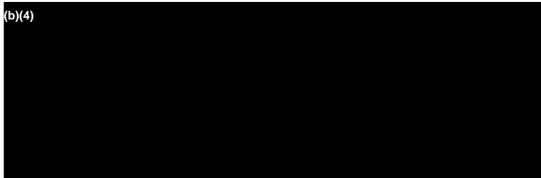
PART 1 - HEADQUARTERS

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

- 1. Registration Number: 33 R DOSD
- 2. Number of animals used in this study.
- 3. Species (common name) Rhhi Nzu of animals used in the study.
- 4. Explain the procedure producing pain and/or distress.



5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)



6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency EPA + FHSA CFR 1600 40 CFR 160